IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

	LINEAF	R DATA RECOVER	Y PHASE DETECTOR							
the sne	ecification of which	(check one)				-				
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[X]	is attached hereto									
[]	was filed on as United States Application									
	Number or PCT l	International Applica	ation No							
	and was amended	l on	(if applicable).							
includ	I hereby state thating the claims, as an	t I have reviewed and nended by any amen	d understand the contents of the abo	ove-idei	ntified	speci	ficati	on,		
§1.56, filing applic	, including for contir date of the prior app	uation-in-part applic	formation which is material to pater cations, material information which onal or PCT international filing date	became	e availa	ible t	etwe	en th	R. e	
countrany fo	tent or inventor's cer ry other than the Uni reign application for	tificate, or 365(a) of ted States of Americ	ts under 35 U.S.C. 119(a)-(d) or 36 fany PCT international application as, listed below and have also identificate, or of any PCT internationity is claimed:	which d fied bel	lesigna ow, by	ted a	t leas	t one the b	ox,	
		<u>Pr</u>	cior Foreign Application(s)	Priority Not Claimed		(Certified Copy Filed? YES NO			
(Num	ber)	(Country)	(Day/Month/Year filed)	[]	[]	[]	
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I here	by claim the benefit	under 35 U.S.C. §11	19(e) of any United States provision	al appl	ication	(s) lis	sted l	elow		
	60/206,191		May 22, 2000							
(Appl	ication Number)		(Filing Date)							
(Appl	ication Number)		(Filing Date)							

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

	(Filing date)	(Status: patented, pending, abandoned)			
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)			
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)			
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)			
As a named inv Hamilton, Brook, Smith Customer No. 2100	h & Reynolds, P.C., Two Militi	neys and/or agents associated with ia Drive, Lexington, Massachusetts 02421-4799			
and					
to prosecute this applicate	tion and to transact all business is	n the Patent and Trademark Office connected therewith.			
Please send correspo	ondence to:				
[X] Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799					
or	Lexington, MA 024	121- 4 /77			
[] Address as follo	ows:				
Direct telephon	ne calls to: <u>James M. Smith, Esc</u>	. Telephone No.: 781-861-6240			
-	es to:James M. Smith, Escrete to:James M. Smith, Escrete				
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